29 8. Hace St. By J. Finaley of Feorgea



Inaugural Difertation in Diabetes 1816



highlithing has material it obligating an each ear district. That his thinks for material it obligating an each ear district. That his thinks for many his man in petition that it is a few manes but party as a performating to the many hours and marter of the language has a defeated on engage of a six a with some involved of the language grant features that the man the of the hope of the language of the language



un alone of a dain at time its consistence in exceline, ablatite imacious, & much sortine who meralled morally in the last, & the whole body Gradually becomes one The natural claudard al the habit. The murch are flaces the extremelies redericatous, there is Enquelly much head interested duty, night sweats, & symptony of higderphe a lever of the holic town makes its appearance though in do not make a minute inquire into the history of the con plaint the indistruction of vision of a troublesome vertigo are not unlocament concernitants; the pulse being at all time one, indicative of debility, Another disease with which Dia.



species of it termed anarared, though an hydropie di-Surious into any of the ather orial cavities. Hysterica de Hurrochondrias is not unfrequently precede Diabeter, in while a combination of such enotaring as they separately nopel. not destroyed, of as flacaid texture, a pale ash colour, some terially altered, but containing in their infundibules, a quantity of matter communicat resemblind pur, thoughne ularation existed. Their view are varicon, rendering them remarkably visible. At himes the wholes misenting is do. Some of the lastral absorber on four to grantly argumented in says, the coast of the case the chand, it aspared by deciminate 2. The causes of Diabeter may be divided into remote, on citized & presimate. 1. These are all such as induce debility, as constitutions mater rally forfile. I those enfullibled by disease, the decline of 2. The exciting courses are hot drinks, such as ardent spirits Carlie & ginger transe. Le. encepin cating, drinking, en



in versey, sudden application of welds, damp air, conde Farinaceous diet, strong diuntie mudicines, deporting popious. im moderato use of vegetable acids. At times it has come on without any obvious causes. 3. The presente cause scens to be a morbid derausement the whole system is indusered, because of a want of the as quisite supply sops should through there parts. The storm ach in consequence of its commotion with the body seems to affect on the introduction of shundli, in a heathy state, ar made inlet to powerful impropious on the whole oysteur. But the most important of its functions is, that of our plying the rest of the parts with that matter one which the energy of this power depends, Any cause there, which has the effect of deranging or abstructing in any man our the functions of these viscera, the stolerach & intition, musticedereatly disorder or agreet some of Those parts which defends are the former for oupport. The histories therefore not him supplied with the every of which ine quisite to anable them to perform their natural function of occreting wine, take on that action which sepwater from the blood, other ingredients that those not wally afrigued to thew. And bird always found much altered in their textiene after the disease had proceeded to any great hight, the inference is that the imperfections of sky difications, I the disangement of the structure of the brise mis, in the promunate cours of the disease.



3. The theries that have been advanced for the emploration of Burn the blood far not been found so much changed or al itual. Il therefore is to be rejected because it does not enplaine to hely the remedy for its vernoval. The ment theory in order is that advanced by Dr. Darwin, which supposes a setrograde motion of the urinary branch of the liguephatic system, that bladder than the ingulation through the hidney, & that the shine Armach on sach of there positions may suffice. The only principle on which the whene min as of Dialeter attributed to the lymphatic repels, is to suppose a lop of tones, a want of energy, a dimenished action, for it is directly in ap



position to anatomical Jackto say that a retrigrade one wished with values, which with the contractile hower the wefet brotal this contents to this distination. The affice of the about bents is to remove from the carities of the body, Ellind might by exhalation from the ends of arteres we either into the circulation or to climinate them from the sys town If there, the legenthaties contribute immediately to the production of the disease, they must do it by a migative hower & not an absolute one. According to the barwins aprinion a commotion & sympather, by which many motions can a the support short papage to the bladder, there are factition perimento which would an a superficial view seem to be in its lavour. It has been stated by 3. care in his Lectures that and their outstances frame became detected in the wrine, as who alles their receptions into the stomach; that the bladde has continued wring, though the writers were tied, though the literary were in a state of supportion. There are sure seemingly difficult of onblaustion. But when sider that the garles & ashara our de are remeralles in a flow state when taken into the stomach; that they are combined with substances highly summelant to the circulation; that they



distant from the heart but a new short ship on I that the enulgical arteries are supposed to transmit at least profile a sink of the whole volume of bleads, we much think so min to assult int line It at time to exhibit the when in on in question It has also been absented that and fluid Sound six the blackder when the livatures were tick row the wrotens was positive by not union but a simply capabatate From the extremities of the Oystic artery, Thence De conce wer list to doubt not only the doctrine of a short soul to to bladder but also the oster as act, motion at the absorbents. also stated that the absorberate of the surface is the source of the sion however, at the present day, on all sides, is that the per bute the polible that the amoriation of the fact mighton single diminution of heat & action in the section made Lord pounds in some menser for the belief of antisides absorption. This point; however, does not by any man, seem to be well settled, so that I shall let that watter restween I found it The went & last theory which I shall notice ist



our hommelyated by Do Thomas which supposes the pre and seat of Diabetes to be in the Ridming Themselves. The oscilleded that this action was not only morbidly derail wer that this action was ingreased by reason of the un fact an which and that aprison was founded, wind enormous quantity of nation so. my ormous for difference Some to high an authority one the land The column which air nie to the conchlaint Such anduively a are directly or indinathe debilitations, 3. On di bestick the histories are for somewhat enlarged, pale, flassid & varison, all of which devote a want of over ov. 3. The whole of the lunctions, intel. botical & corpored & seem to be impaired, indicated by the diminution of the several strength of size; aversion to ask hinds of exercise; costinench do, none of which wer indicate in trith an over action. I repor the high authority of De Caxe the hiduis are not second or can but are sure eductors or veparators from the bloods, for ears he, all the knine ples of Diabelie wine may also be Lounds in the blood your present sand on as dipolared in the server alcommon blood 1.3 could not be detected by the common me\_ thads. The way to increase the action of a part is to stimulate it. but as there is no good reason for believing that any otimulus does saist during the flow in common cases, & the hidness al ways martifust signs of debility, I concino the most correct



inference is that this action is divinished, In themall the principles of diabetic wine enist also in the belood as the quantity of water is so much increased, how is emplorations this, The hidners being deprived by debile of the hower which is required to enable them to heep back all such hasticles as do not cuter with the composition of hall this wiews, much of machiles in this case Suffer athers to hap through that atherwise would not The last there which Advice noticing is the one which Seeneive to be the tone are, I to which if attribuce is not paid in the plan of oure, man disappointments much inevitable more in the treatment of the dinare. Therew to which I allude was that adverated by Billiev, Dobrow, Mollo s, in part, by the present prolegar of chewisters & core It refers the pronincate courses the prin real al the disease to a meetide action in the chistoscetic viscora, by which the digestive proces being obstructed, The ardinary aliment is not properly a firmilast to the ani a Shirt a that the shine the hidnies do are secondary tousequences by our hathis. Though Scannof acude to all The proportions embraced in the arguments by which the theory is supported and I conceive it to approach many the touth thom any with Thave yet been agreented. The per the objections are the Collevings I. It supposes the sachanice matter as the basis of an indication in the cure. I many instances to have accuracy in which the excelarious qualter



elighted perceptibility of ougar in the blood existed. 3 % sugar is brequently found in the stomach. I The slaw or and which it save nie to has after low monege b but to But Lasts Thereselves contraint this apinion, without a net wence to the causes which are generally thought to give rise to the disease. I herbeetly coincide in the major proporitions that the love is not duly apinilated, & that in consequence of a descurred, or morbid condition of The chylopoetic visce. ra. But that the simple presence of substances capable tallading saccharine products is the course of the continuous of the di eard action is an informer to which I cannot accede. The doliver by which sugar is formed from substances capable of such products is merely a concountant affect, I not the course of the disease. It is difficult to conceive how the simple discharge of wine improducted with sudar can dive risate all the dis a smable sousations accompanying the complaint, because be an inquiry into the reason of its formation we will hind it at one relevable those very causes that occasion the son vations inquestion. The real state of the whole exstens is that as sily conceive of a case in which regetable migh be may far for I



1 the Sundian al digestion and abinitation, Boil statement amall that is med born. The remarker which have been a played by delivent practitioners, are accasional Emoties, Dia planties, some of the preparations of the alkalis, Astringuets. liberal use of apieure, time ture of can thander, covering the By referring to the exciting causes of the disease, & to what Las law said under the head of Theories, it must be obiens 2 % above to the abstrate restevent b which wale 3. To excite a free perspiration 4. To relieve depopulate ogniploms. And. 5. To restore the tome & healthy vigour of the sustance. The first indication will be fulfilled by a vigid temperance in druking, caling I in the gratification of any



deferbations prepared to a street abstince from assume by both; had structulating tras so, by a continuous in way, dry are if in the world; by a naving uniform appared; by manifolished with while; jointas conjung; it by a will change then the description by

al on the artie, and is ince of is best all means one of the market portant objects in the breatment of the complaint the some that in every complex apparatus deridned for motion, there is some withour helsonin from which its motions and to see munes their a herestions. Remone or derande this fulorum of you alonger affind this whole apparatus, Juck is precially the cares with the animal body, this a great complex anothing durion it hower severas for such performance, by its attachbut, he med derived from their either individually or collectively it motions much care or be comoderanded at every server pend howerful catinging I mechany commotion assertion with 2 influence over the rest, is certainly the one, to which, in a de ad majority of cases, we are to look, for the cause of their die reduce The charle hootic wirecrow may with much propriety he considered as constitutional this centre of powers every to whole oppens. And there is no instance more stockingly illustre



that the disease will be likely to prove any way manado able. Cortione & proceeds itself from a disease of the inteste nate the land become everloaded by interpression in cap austice, or their function inderanged & morbidly existed by bourful imprepions, this energy is impaired, they are unable to annel the encounciellion portion, it becomes in haction, I of course, parts depending on them for support much willer Catharties become suce hary to ahist nature in the catrication of heroul from difficulties Amon of the most appropriate Scousides caloniel & Kheulart in combe nations; calonul & jalah; jalah & creamattartar; alous myork. cream of tartas & outplus. There if properly administer ed which is accomplished by first excellent a drastic effect by large done of them preserve the lovels Grown constitution by small soften reparted dover of any of the above me

The third indication is founded, the physiological fact that the indicate of the bridge is in entire to graph this will a part deep from your fee grantly at the transfer which the free grant will gat them the will the other water on the fact that the other will come and the fact that the other will come deep the short will be some of partitions of the short will be some of partitions of foundations in the solices or partition of foundations of fact the solices are not partitioned to be some a source of fact the solices will be some of the transfer of t



and dia pherelies and be an played, Among the most appearance to a present of the work appearance of process, with the among such as I saw for does, at the formation of the present of the same products, at the formation of the same of the formation of the same of the formation of the formation

The function is the complaint of a flar on inspectant temperature the incomplaint of a factor and to a flower the prostations as a plan timely of commencenting to the patient marked to be the patient marked to be the patient of the patient considering the complaint of a sold of a flar the strength of fall way for a form and a sold of a few the marked flat way for only a part of the formal a marked part of the strength a marked part of the sold of the strength a marked part of the sold of the s



The fourth indication is to restore the town & healthy organs of the system & though simple certainly constitutes The basis of the treatment of this disease. It is founded on the belief that the causes of the our plones are deriotle or indirectly debilitating, & that the librer of wery part of the system are in a state more or lepof relaxation, des unof wine; Demvian back, carbonate of inin & some area matic in the form of an electriany; carbonate of iron derlin larb; Julphale of sine, valorian & Senerian bash; sulphate higo, orande heel, gention rech & Bach ve. se. to constitute the ground work of all the sumptones of Liabety.

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